

In the Claims:

1. (Currently Amended) A process scheduling system comprising
plural independent process schedulers respectively associated with separate
plural user process groups each having at least one user process and selectively activated so as
to search the associated user process groups for an executable user process,
an administrator for managing said plural process schedulers said manager
including a administrative table,
a process managing section respectively associated with said plural process
schedulers for managing said plural user process groups, and
a selector cooperating with said administrator for selectively activating said
plural process schedulers and informed of said executable user process-;
a process changer associated with said selector and changing a presently
processed user process to said executable user process-;
wherein said administrator stores in said administrative table data information
respectively unique to said plural process schedulers, said data information representative of
starting addresses of programs for implementing said plural process schedulers, respectively;
and
wherein said selector sequentially increments an index if said administrative
table associated with said starting addresses to select said executable user process.

2-4 (Cancelled)

5. (Original) The process scheduling system as set forth in claim 1, in which said process managing section has pieces of data information respectively each having at least one sub-piece of data information unique to said at least one user process of one of said user process groups.

6. (Currently Amended) A process for scheduling user processes, comprising the steps of:

- a) retaining a context of presently processed user process;
- b) calling a selector into execution;
- c) selecting one of plural independent process schedulers respectively associated with separate user process groups each having at least one user process; and
- d) causing said one of the process schedulers to search the associated user process group for an executable user process.

7. (Original) The process as set forth in claim 6, further comprising the step of causing a context of said executable user process for replacing said presently processed user process with said executable user process.